

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032020\
 Data File : BN010308.D
 Acq On : 20 Mar 2020 13:54
 Operator : CG/JU
 Sample : PB127699BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 20 15:19:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 15:26:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4530	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	15535	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	8727	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	20007	0.40	ng	0.00
27) Chrysene-d12	21.19	240	19738	0.40	ng	0.00
34) Perylene-d12	23.36	264	19560	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	3381	0.38	ng	0.00
5) Phenol-d6	6.79	99	4100	0.37	ng	0.00
8) Nitrobenzene-d5	8.74	82	5851	0.59	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	7544	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	915	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.85	172	21303	0.64	ng	-0.01
25) Fluoranthene-d10	19.02	212	17503	0.29	ng	0.00
29) Terphenyl-d14	19.63	244	22223	0.52	ng	0.00

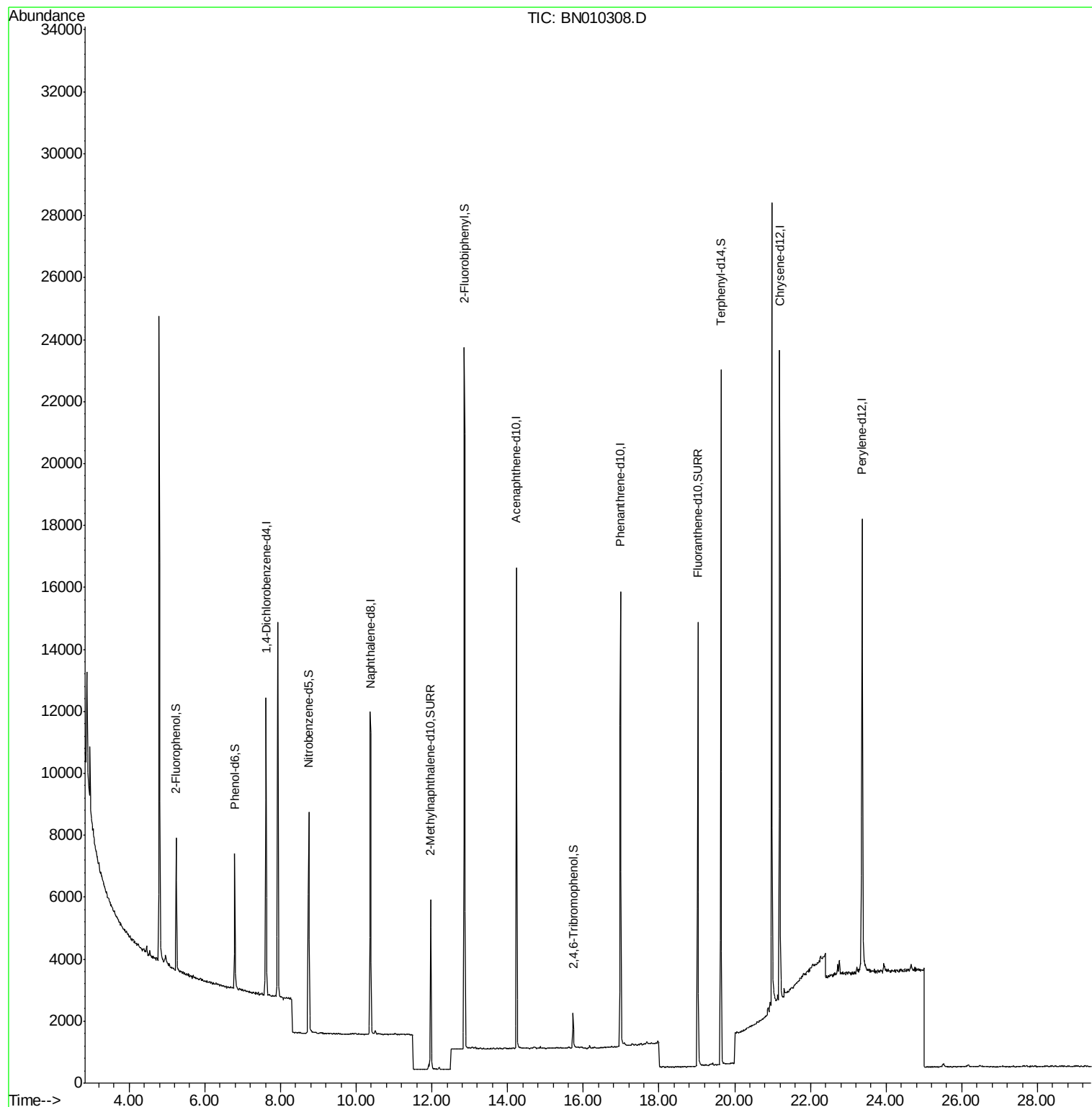
Target Compounds	Qvalue

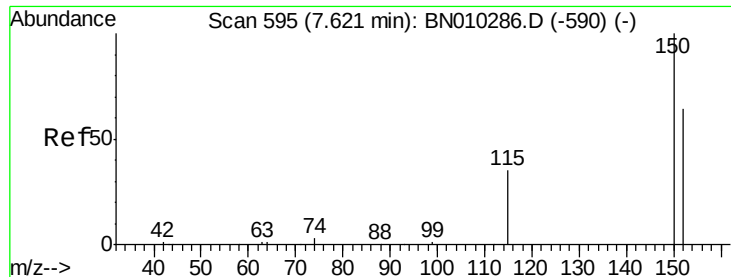
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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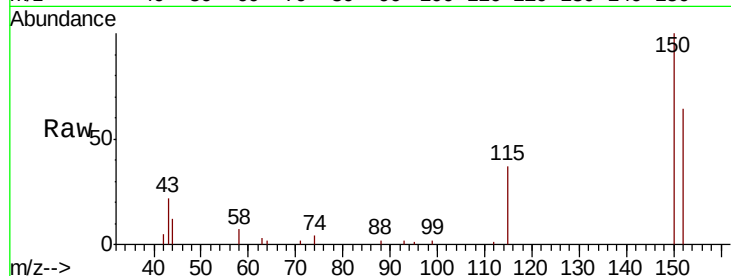


#1

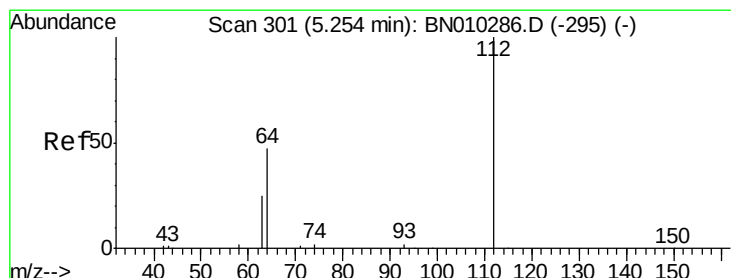
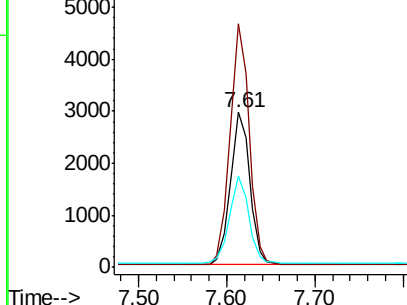
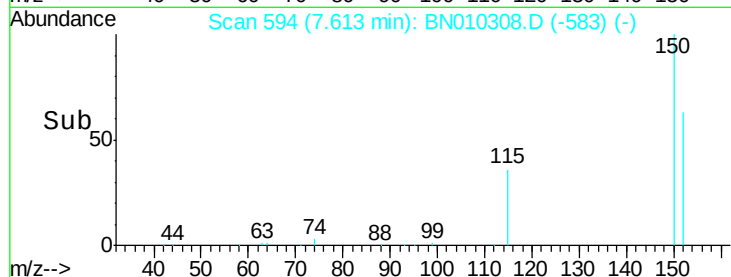
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 594
Delta R.T. -0.01 min
Lab File: BN010308.D
Acq: 20 Mar 2020 13:54

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 4530
Ion Ratio Lower Upper
152 100
150 157.1 123.1 184.7
115 58.9 45.2 67.8



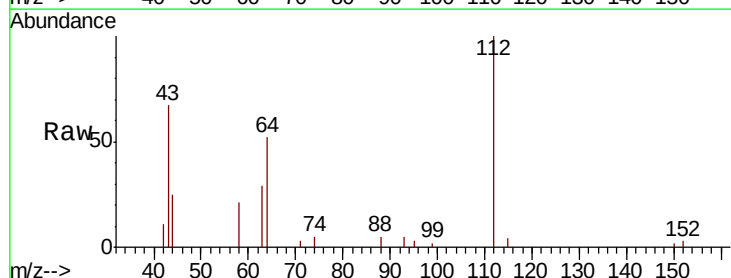
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



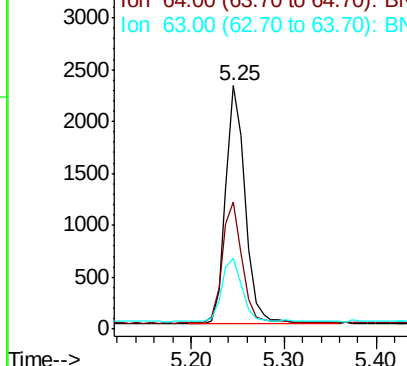
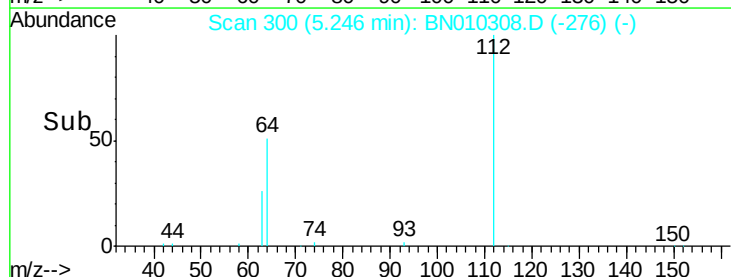
#4

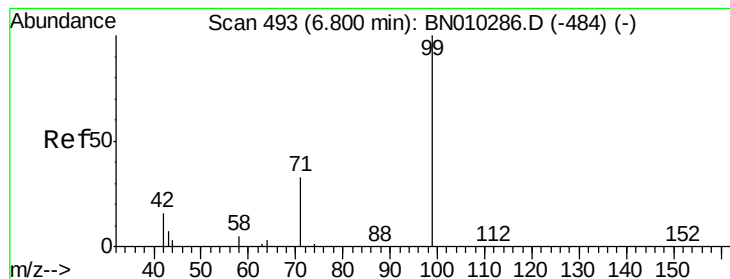
2-Fluorophenol
Concen: 0.377 ng
RT: 5.25 min Scan# 300
Delta R.T. -0.01 min
Lab File: BN010308.D
Acq: 20 Mar 2020 13:54

Tgt Ion:112 Resp: 3381
Ion Ratio Lower Upper
112 100
64 52.1 41.4 62.2
63 27.6 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.368 ng

RT: 6.79 min Scan# 492

Delta R.T. -0.01 min

Lab File: BN010308.D

Acq: 20 Mar 2020 13:54

Instrument :

BNA_N

ClientSampleId :

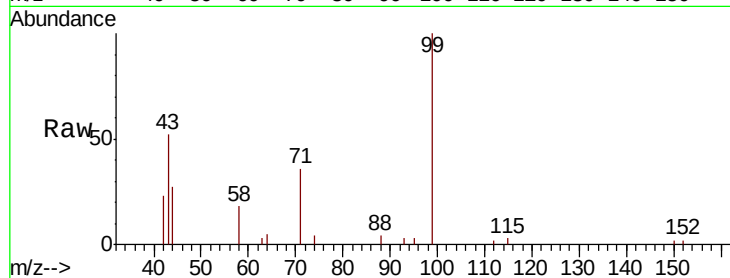
Tot Ion: 99 Resp: 4100

Ion Ratio Lower Upper

99 100

42 17.8 14.8 22.2

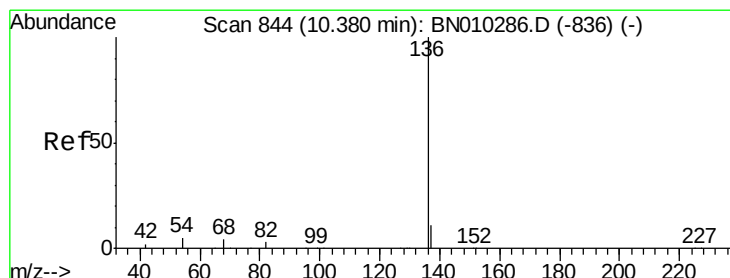
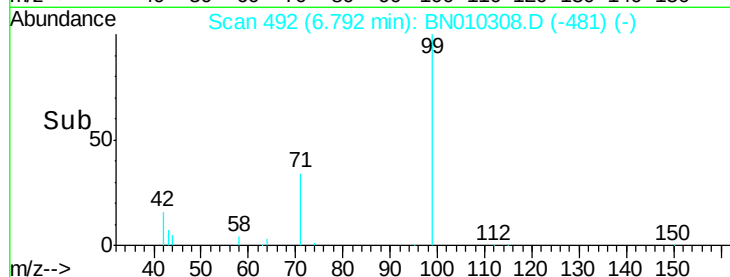
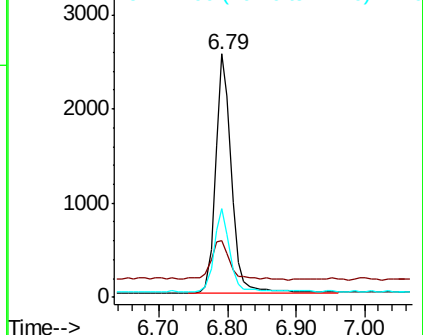
71 33.4 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN010286.D (-484) (-)

Ion 42.00 (41.70 to 42.70): BN010286.D (-484) (-)

Ion 71.00 (70.70 to 71.70): BN010286.D (-484) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.00 min

Lab File: BN010308.D

Acq: 20 Mar 2020 13:54

Tgt Ion: 136 Resp: 15535

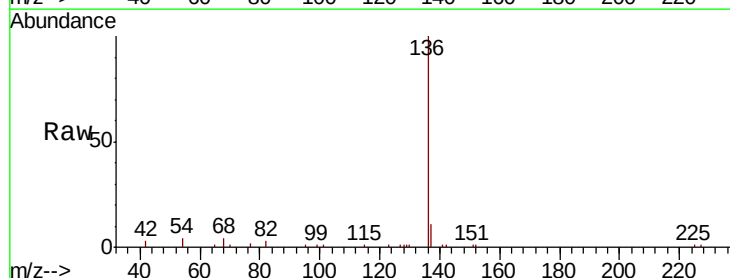
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 3.9 4.8 7.2#

68 3.7 4.1 6.1#

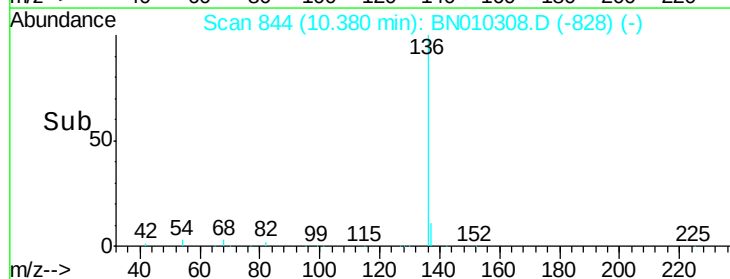
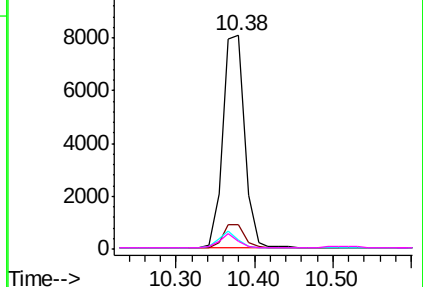


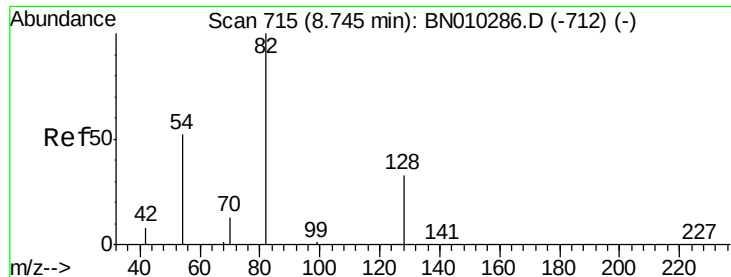
Abundance Ion 136.00 (135.70 to 136.70): BN010286.D (-836) (-)

Ion 137.00 (136.70 to 137.70): BN010286.D (-836) (-)

Ion 54.00 (53.70 to 54.70): BN010286.D (-836) (-)

Ion 68.00 (67.70 to 68.70): BN010286.D (-836) (-)





#8

Nitrobenzene-d5

Concen: 0.588 ng

RT: 8.74 min Scan# 715

Delta R.T. -0.00 min

Lab File: BN010308.D

Acq: 20 Mar 2020 13:54

Instrument :

BNA_N

ClientSampleId :

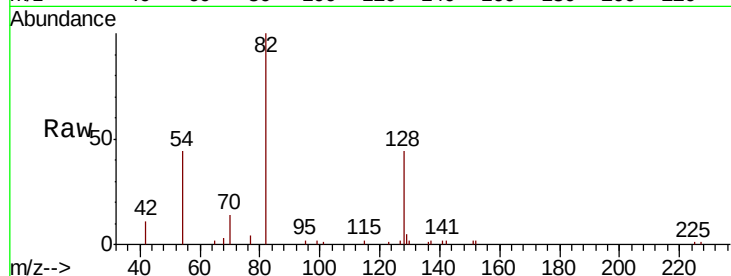
Tot Ion: 82 Resp: 5851

Ion Ratio Lower Upper

82 100

128 44.4 28.8 43.2#

54 44.2 42.1 63.1



Abundance Ion 82.00 (81.70 to 82.70): BN010286.D (-712) (-)

Ion 128.00 (127.70 to 128.70): BN010286.D (-712) (-)

Ion 54.00 (53.70 to 54.70): BN010286.D (-712) (-)

8.74

4000

3000

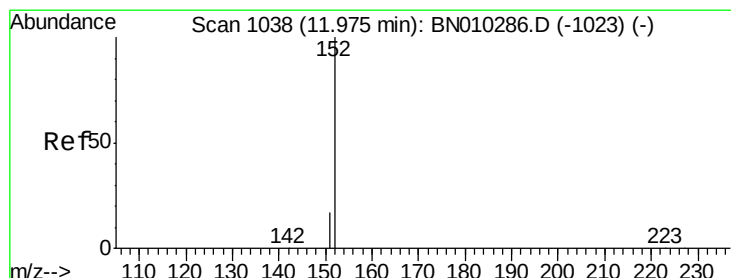
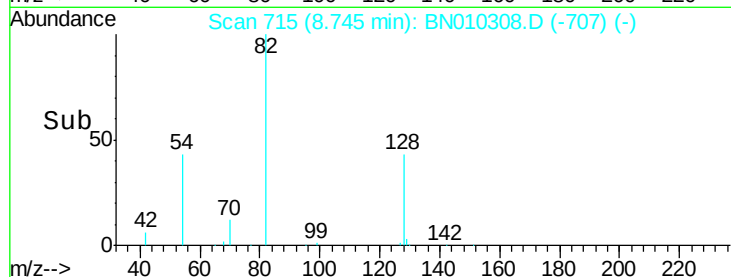
2000

1000

0

8.60 8.70 8.80 8.90

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.304 ng

RT: 11.97 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BN010308.D

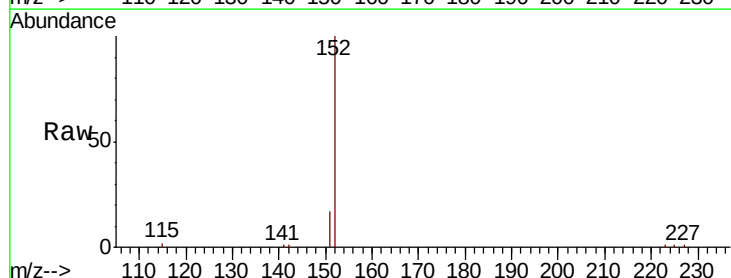
Acq: 20 Mar 2020 13:54

Tgt Ion: 152 Resp: 7544

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): BN010286.D (-1023) (-)

Ion 151.00 (150.70 to 151.70): BN010286.D (-1023) (-)

11.97

5000

4000

3000

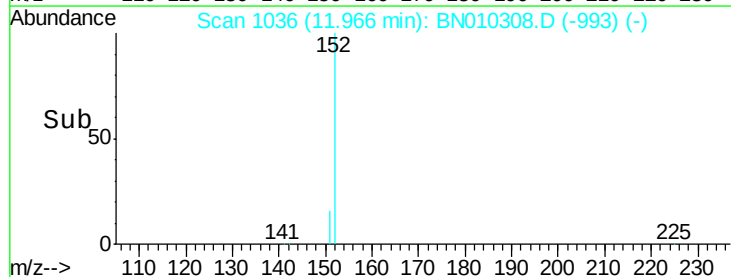
2000

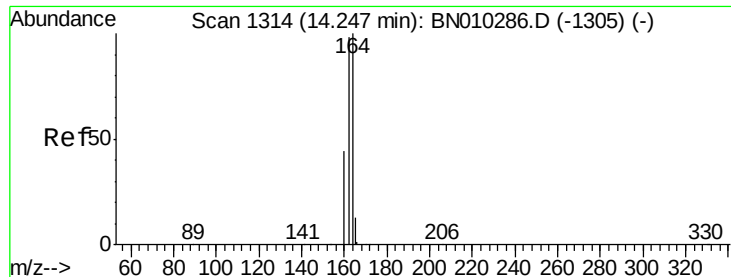
1000

0

11.90 12.00

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BN010308.D

Acq: 20 Mar 2020 13:54

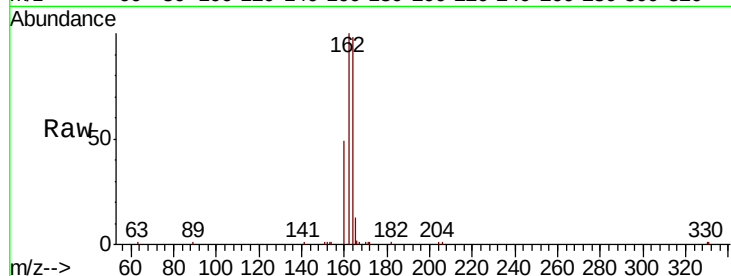
Instrument :

BNA_N

ClientSampleId :

Tot Ion:164 Resp: 8727

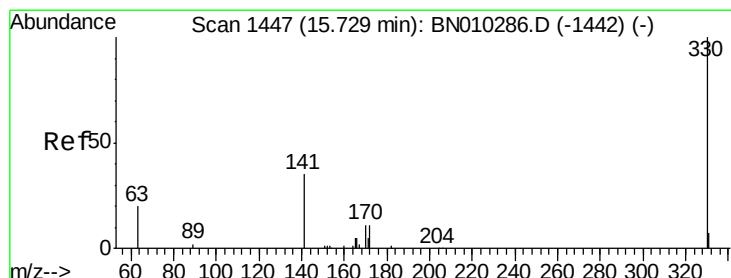
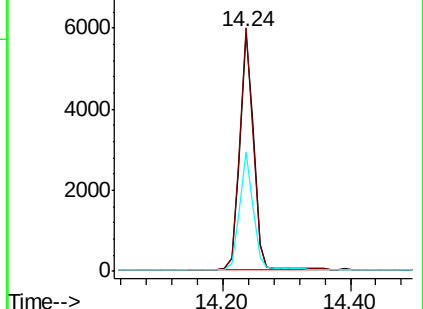
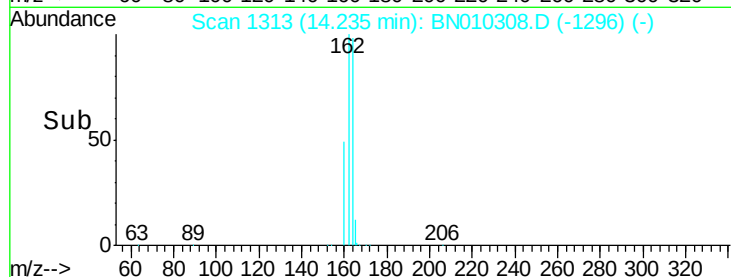
Ion	Ratio	Lower	Upper
164	100		
162	102.0	78.2	117.2
160	49.9	35.8	53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.273 ng

RT: 15.73 min Scan# 1447

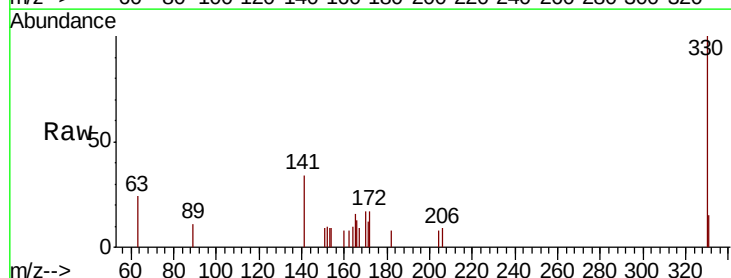
Delta R.T. -0.00 min

Lab File: BN010308.D

Acq: 20 Mar 2020 13:54

Tgt Ion:330 Resp: 915

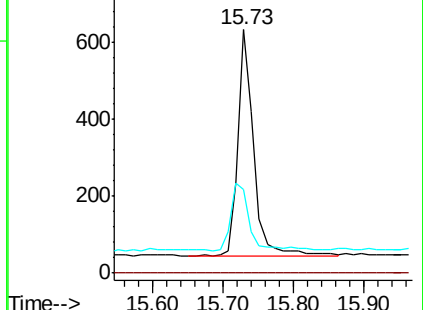
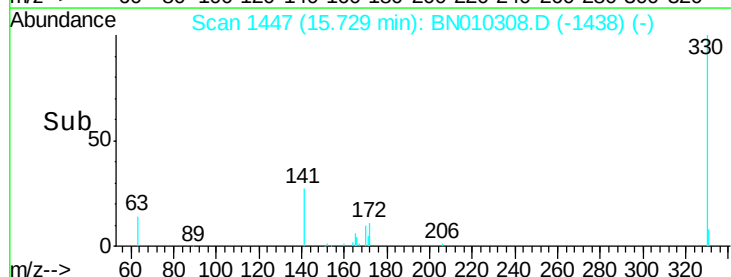
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.8	29.3	43.9

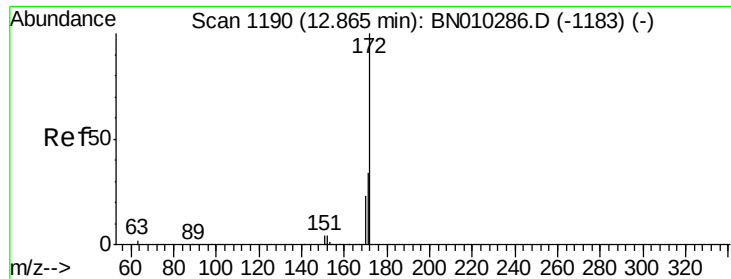


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

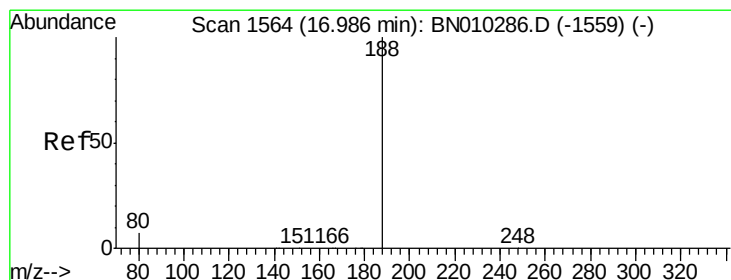
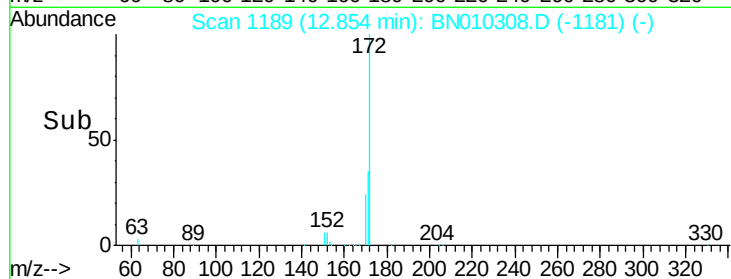
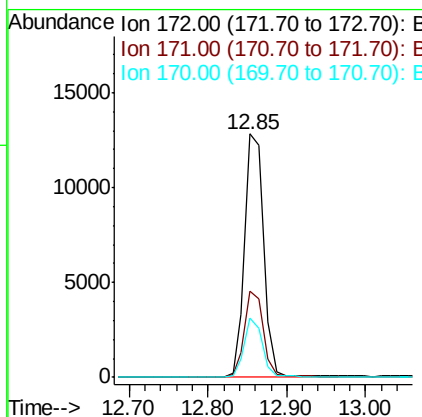
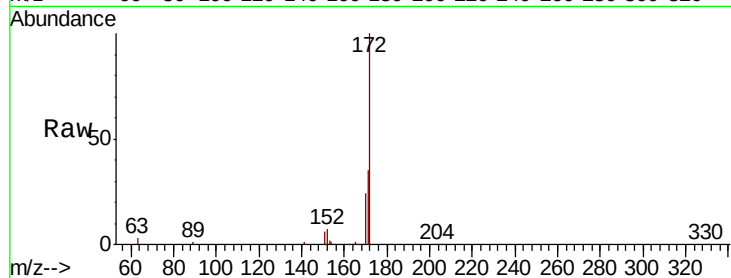




#15
2-Fluorobiphenyl
Concen: 0.638 ng
RT: 12.85 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BN010308.D
Acq: 20 Mar 2020 13:54

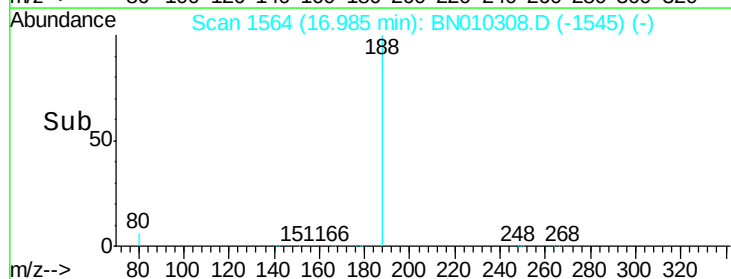
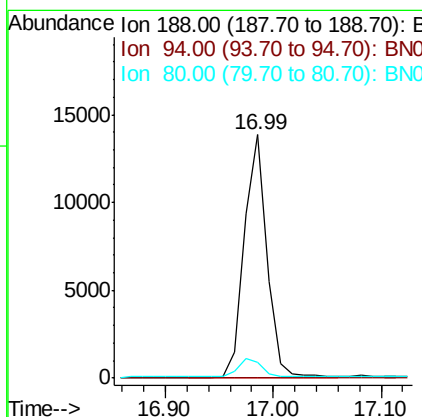
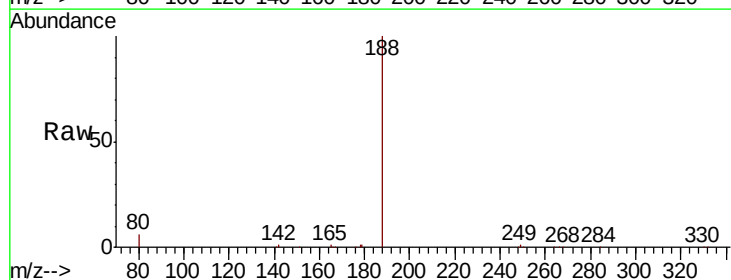
Instrument :
BNA_N
ClientSampleId :

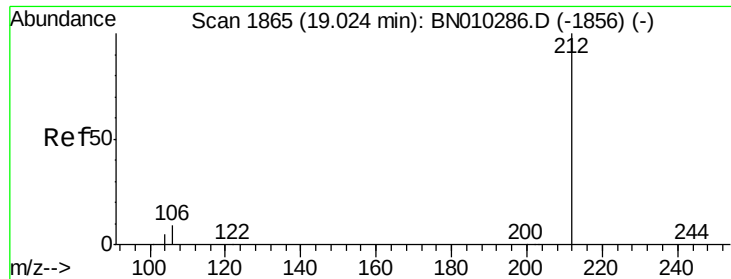
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.6	41.4
170	24.4	18.5	27.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN010308.D
Acq: 20 Mar 2020 13:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.3	6.0	9.0





#25

Fluoranthene-d10

Concen: 0.290 ng

RT: 19.02 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BN010308.D

Acq: 20 Mar 2020 13:54

Instrument :

BNA_N

ClientSampleId :

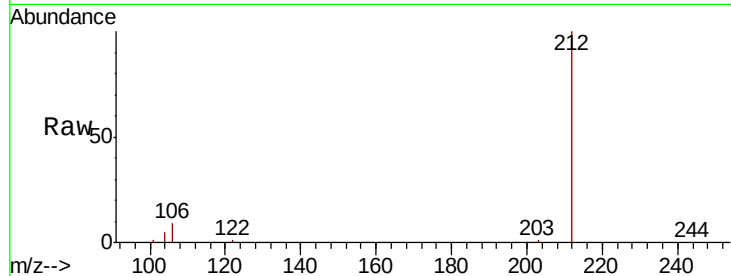
Tot Ion:212 Resp: 17503

Ion Ratio Lower Upper

212 100

106 9.5 7.4 11.2

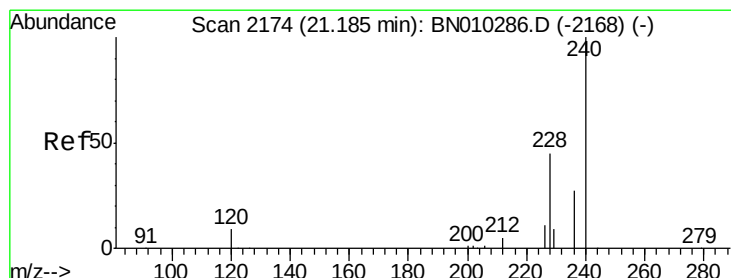
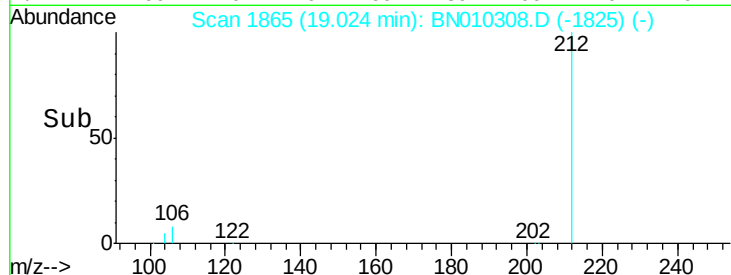
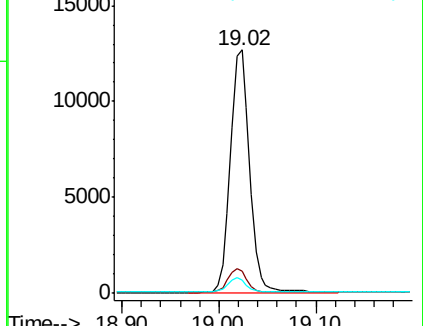
104 5.3 4.2 6.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BN010308.D

Acq: 20 Mar 2020 13:54

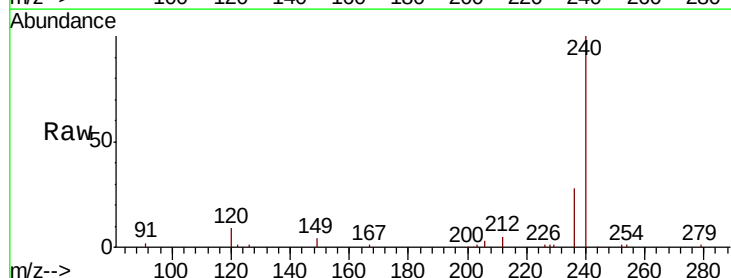
Tgt Ion:240 Resp: 19738

Ion Ratio Lower Upper

240 100

120 9.3 7.9 11.9

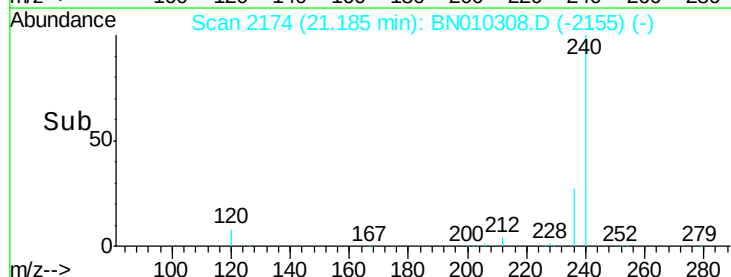
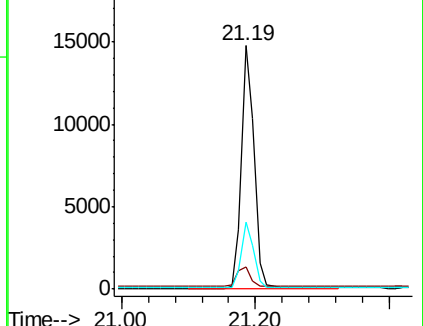
236 27.7 22.2 33.4

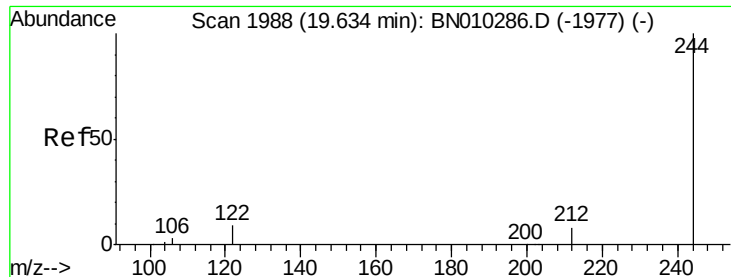


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.521 ng

RT: 19.63 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BN010308.D

Acq: 20 Mar 2020 13:54

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BNA_N

ClientSampleId :

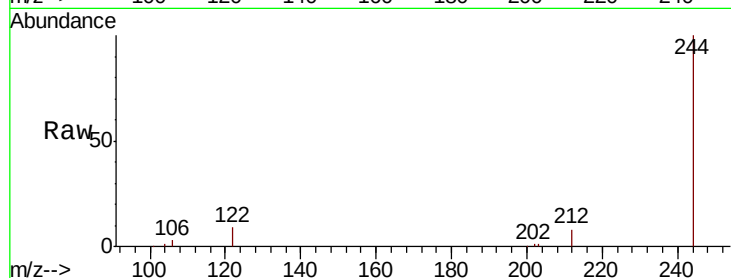
Tot Ion:244 Resp: 22223

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

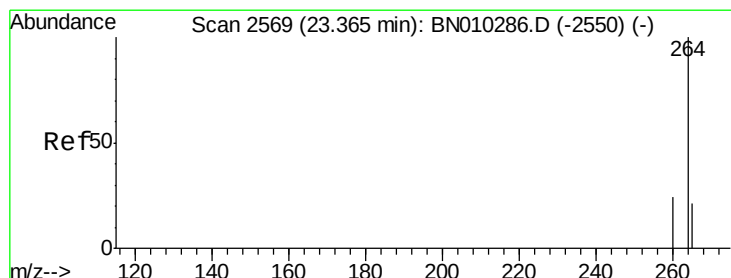
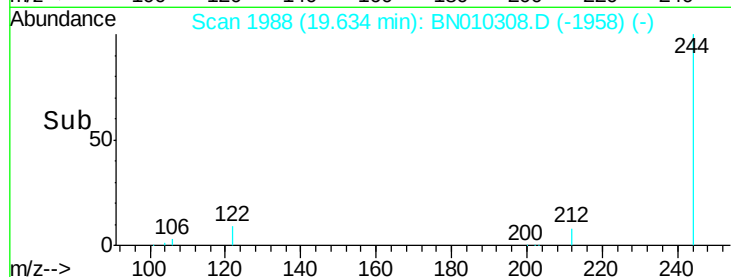
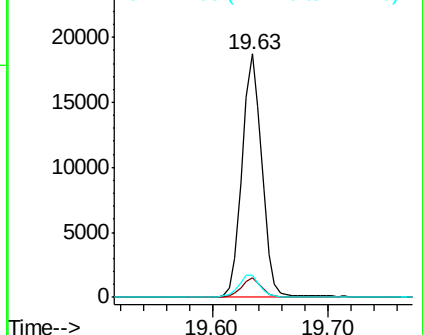
122 8.9 7.6 11.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.36 min Scan# 2569

Delta R.T. -0.00 min

Lab File: BN010308.D

Acq: 20 Mar 2020 13:54

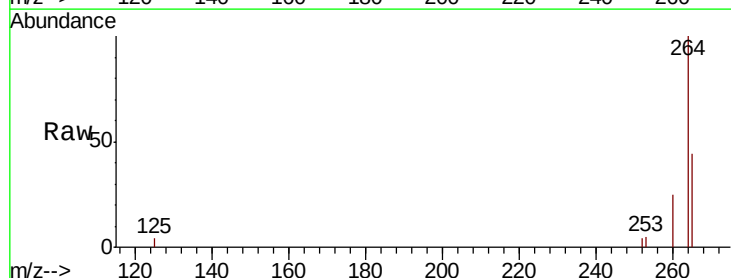
Tgt Ion:264 Resp: 19560

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 44.2 32.4 48.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

